

PROPOSAL NO. 9-22

**BROWN COUNTY
PUBLIC WORKS DEPARTMENT**

**SPECIFICATIONS FOR
HYDRAULIC & CONTROL PACKAGE FOR ANTI-ICE UNIT**

Name of Company Submitting Proposal

Street Address

City, State & Zip

Certified/Cashier's Check or Bond #: _____

Amount of Check or Bond: \$ _____

Name of Bank: _____

(To Be Filled In By Vendor)

SUBMIT TO:

BROWN COUNTY PUBLIC WORKS
Highway Duck Creek Office
2198 Glendale Avenue
Green Bay, WI 54303

PROPOSAL DEADLINE: MARCH 22, 2022 - 2:00 p.m.

This specification shall be returned in its entirety to the Brown County Public Works Department.
Instructions contained herein shall be adhered to.

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ADVERTISEMENT FOR PROPOSALS

Sealed proposals will be received by the Brown County Public Works Department at the Main Highway Shop Office at 2198 Glendale Avenue, Green Bay, Wisconsin, 54303, until **2:00 p.m., Tuesday, March 22, 2022**, for the following equipment:

HYDRAULIC & CONTROL PACKAGE FOR ANTI-ICE UNIT
TO BE FURNISHED AND DELIVERED TO THE BROWN COUNTY PUBLIC
WORKS DEPARTMENT FOR INSTALLATION ON NEW
TRI-AXLE BRINE TRUCK

The Public Works Department reserves the right to reject any or all proposals submitted, or to accept any part or combination thereof, to waive any technicalities, and to accept any proposal deemed most advantageous to Brown County.

Proposals shall be submitted on Brown County Public Works Department forms and specifications; which may be obtained by accessing the Brown County website @ www.browncountywi.gov, Departments, Public Works – Highway, Bids & RFP's.

Any proposal submitted after the date and time specified will be rejected.

A certified check, cashier's check, or bid bond payable to the Brown County Public Works Department in the amount of not less than five percent (5%) of the quotation, shall accompany each quotation as a guarantee that if the quotation is accepted, the proposer will carry out the provisions of the proposal.

FOR: BROWN COUNTY PUBLIC WORKS DEPARTMENT

BY: PAUL A. FONTECCHIO, P.E.
Highway Commissioner / Director

SPECIAL PROVISIONS

The Brown County Public Works Department will receive sealed proposals for furnishing and delivering **ONE (1) HYDRAULIC & CONTROL PACKAGE FOR ANTI-ICE UNIT**, to be installed by Brown County on new tri-axle truck.

Proposals shall be submitted on forms provided by, and addressed to, the Brown County Public Works Department, 2198 Glendale Avenue, Green Bay, Wisconsin, 54303, and marked "Proposal #9-22 – Hydraulic & Control". Proposals will be received until **2:00 p.m., Tuesday, March 22, 2022**, at the Main Highway Shop Office.

These specifications are a part of the proposals and shall remain attached to same. Proposals shall be accompanied by **a certified or cashier's check** in the amount of not less than five percent (5%) of the quotation, made payable to the Brown County Public Works Department as a guarantee that the terms of the proposal will be carried out by the company submitting same. **Bid bonds** will also be acceptable.

All supplies or equipment sold to Brown County shall be sold at the risk of the contractor or seller until accepted by the Brown County Public Works Department. **Terms of Payment:** No payment will be made until after inspection and acceptance by the Highway Department or their agent.

The Public Works Department reserves the right to reject any or all proposals submitted, or to accept any part or combination thereof, to waive any technicalities, and to accept any proposal deemed most advantageous to Brown County.

Should the U.S. Government, by its action, affect or prevent a vendor from fulfillment of the terms of his proposal, he should immediately furnish proof of same in writing. Upon receiving such proof, vendor will be released from his contract, and his check or bond will be returned.

All proposals shall be firm proposals for at least 45 days from proposal opening date.

Proposals shall be on specifications as herein furnished and shall not be altered.

Checks or bonds will be returned to unsuccessful proposers upon acceptance of the successful proposal, or within 45 days of opening of proposals.

The deposit of the successful proposer will be returned to him upon performance of all conditions of the proposal, or forfeited to Brown County Public Works Department in case of failure to comply with said proposal conditions.

Brown County is exempt from Federal Excise Tax, but if there is a tax, it shall be shown in the proposal.

Proposer shall indicate full information as requested in spaces provided hereinafter.

More than one proposal may be submitted if submitted on a Brown County specification form. Separate proposals shall be used for each model proposed.

Delivery of all components contained within this proposal shall be received by Brown County within ninety (90) days of the written bid award to the successful bidder.

MINIMUM SPECIFICATIONS

Any questions regarding this proposal and/or its contents should be directed to Fleet Manager Jim Beaupre at (920) 662-2177 or by email at jim.beaupre@browncountywi.gov.

HYDRAULIC PUMP:

Shall consist of the following:

- Front mounted Model PVAC100 Parker load-sensing pump
- The hydraulic filter shall be 10 micron and rated no less than 100 GPM
- Pressure side of the pump shall have a shut-off-valve
- Pump mounting plate included
- Shall have a 1 ¼" keyed drive shaft and SAE Type C mounting flange
- Pump driveline included
- All hydraulic engineering shall be performed by Force America

Comply? ☐ Yes ☐ No If no, note any deviations from this list: _____

CONTROL VALVE & ENCLOSURE REQUIREMENTS:

Shall have a Right Wing & Front Plow.

Control valves shall be U.S. manufactured and are to be Parker MCV-ISO load-sensing, manifold-mounted, spool type, with O'ring ports. Shall consist of the following:

Valve sections to be arranged in one stainless steel valve enclosure, as follows:

- End cover: SPIN-A-VEYER 14 GPM for Anti Ice & 7 GPM for possible future use
- Loading pump: single acting, 21 GPM
- Plow lift: double-acting cylinder, 21 GPM
- Plow angle: double-acting cylinder with auxiliary cross-port relief valve to protect the cylinder, 21 GPM
- Right wing toe: double-acting cylinder, 21 GPM with holding valves
- Right wing heel: double-acting cylinder, 21 GPM
- Stainless steel valve enclosure

Joystick Controls:

- Dual axis joystick for plow lift and angle with standby button
- Dual axis joystick for right wing toe and heel with blast button

Comply? ☐ Yes ☐ No If no, note any deviations from this list: _____

MINIMUM SPECIFICATIONS: (continued)**HYDRAULIC TANK:**

Shall consist of the following:

- Behind-the-cab vertical stainless steel 30-gallon reservoir
- In-tank hydraulic return line filter assembly
- Basket type filler breather cap, mounted on the top of the tank
- Magnetic drain plug
- 2" NPT suction with 100 mesh screen type filter
- Separate return port for control drain line
- Sight and temperature gauge externally mounted
- Filter in tank mounted Zinga model TS-1200-25-1-0 with indicator gauge
- Suction ports for hydraulic oil at bottom of tank shall 2 "
- Oil tank level & temperature sensor
- Mounting kit
- Required Misc. Parts:
 - ~ 2" 1/2 -turn ball valve for suction
 - ~ 2" x 2" barbed nipple
 - ~ Size 32 suction elbow and clamp kit for pump
 - ~ #16 O-ring to #16 O-ring 90-degree elbow (male to male)
 - ~ #16 O-ring female to #20 O-ring male adaptor
 - ~ #16 O-ring male to #16 JIC male 90 degree

Comply? ☐ Yes ☐ No If no, note any deviations from this list: _____

CONTROL CENTER:

Shall consist of the following:

- Force America Patrol Commander MPJC Ultra joystick controller (no equal)
- Force America latest generation 6100 spreader control (no equal)
- Harness for closed loop and multilane system

Comply? ☐ Yes ☐ No If no, note any deviations from this list: _____

SENSORS:

Shall consist of the following:

- Precise WTS-01 wireless road and air temp sensors, provides to integrate with 6100 controllers
- Plow up/down sensor

Comply? ☐ Yes ☐ No If no, note any deviations from this list: _____

QUOTATION FORM

For furnishing and delivering ONE (1) HYDRAULIC & CONTROL PACKAGE FOR ANTI-ICE UNIT totally equipped as here before specified, to the Brown County Public Works Department – Highway Garage, 2198 Glendale Avenue, Green Bay, Wisconsin, 54303.

This proposal is submitted by the undersigned in accordance with the specifications, provisions, and manufacturer's printed specifications, which are attached to this proposal.

Make & model proposed:

Hydraulic Pump: _____

Hydraulic Valve: _____

Control Center: _____

Total list price of complete unit proposed: _____ \$

Discount _____ \$

Total Net Price: _____ \$

Delivery Date: _____

The undersigned submitting this proposal hereby declares and agrees to furnish the equipment as listed herein in accordance with the terms, conditions and requirements of the within and foregoing proposal and specifications.

PROPOSAL SUBMITTED BY:

Company Name: _____

Company Address: _____

Phone Number: _____

Email Address: _____

Representative Name & Title *(please print or type)*: _____

Representative Signature: _____ Date: _____

Witness Signature & Title: _____ Date: _____

EQUIPMENT WARRANTY FORM

1. Make & model of proposed equipment: _____
2. Number of Units: _____
3. Length of time the warranty is in effect: _____ Days / Hours / Years
4. What part(s) on the delivered equipment **will not** be covered by such warranty: _____

5. Does the warranty cover replacement parts only? ☐ Yes ☐ No

(a) If yes, does warranty cover just the replacement of parts F.O.B. Brown County Highway Department, Green Bay, Wisconsin? ☐ Yes ☐ No

(b) If yes, does warranty cover the replacement of the parts and all labor to make such replacement at no cost to Brown County? ☐ Yes ☐ No

If such replacement parts and all labor necessary for making such replacement is covered in the warranty at no cost to Brown County, will such work be performed by the quoter's mechanic in Brown County Highway Shop, Green Bay, Wisconsin? ☐ Yes ☐ No

If not, name & address in which such work will be performed: _____

6. Name and location of 24-hour parts/service: _____

7. General Remarks - Pertinent to the conditions of the warranty given: _____

*** Successful quoter shall furnish a warranty covering the abovementioned equipment complete as contained in this proposal and as quoted. Warranty shall cover and protect Brown County against faulty material and workmanship on any and all parts on equipment as delivered.

THIS WARRANTY IS A SUPPLEMENT TO AND SUPERSEDES THE MANUFACTURER'S WARRANTY

SIGNED: (Warranty shall be signed by company President or Secretary)

Company Name: _____

Company Address: _____

Representative Name & Title (please print or type): _____

Representative Signature: _____ Date: _____

Witness Signature & Title: _____ Date: _____

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